POWER TRANSFORMER ADAPTOR SPECIFICATION

TYPE: EI-48 POWER TRANSFORMER ~~ADAPTOR~~

A. ELECTRICAL DATA

1. Rating:

WINDING	CIRCUIT DESCRIPTION	SECONDARY VOLTAGE	
		LOADING	NO LOAD
Pri	115V 60Hz/230V 50Hz	@	
Sec	Parallel Circuit:	14V @ AC 0.84A	16.5V
	Series Circuit:	14Vx2 @ AC 0.42A	16.5Vx2
		@	
		@	

TOLERENCE: ± 5 %

2. Primary Current: No Load (Io) 50 mA MAX
   Loading (I_L) 150 mA MAX
3. D.C. Resistance : PRI OHMS±20%
   SEC OHMS±20%
4. Input Watts : 16 Watts
5. Temperature Rising: 65 °C MAX With Rcsistance mothed. at 4 hour.
6. Insulation Resistance: 500 VDC 100 MΩ MIN
7. Hi-pot Test: 1240 VAC For 1 minute between pri. and sec. & core.
   sec to core 600V without breakdown. at 1 mA Ac Current.

B. MATERIAL:

1. Bobbin : Material Nylon-66
2. Lead wire : AWG # _____ Insulation Pin type
3. Core : Sige A Hilite silicon steel core
4. Fuse Nil
5. Impregnation: ☐Wax ☑Varnish

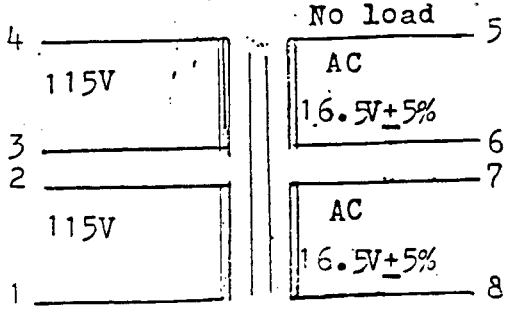
APPROVED BY: Y.C. Liao

EI-48x20.5mm Power Transformer:

Input:

Parallel
115V 60Hz

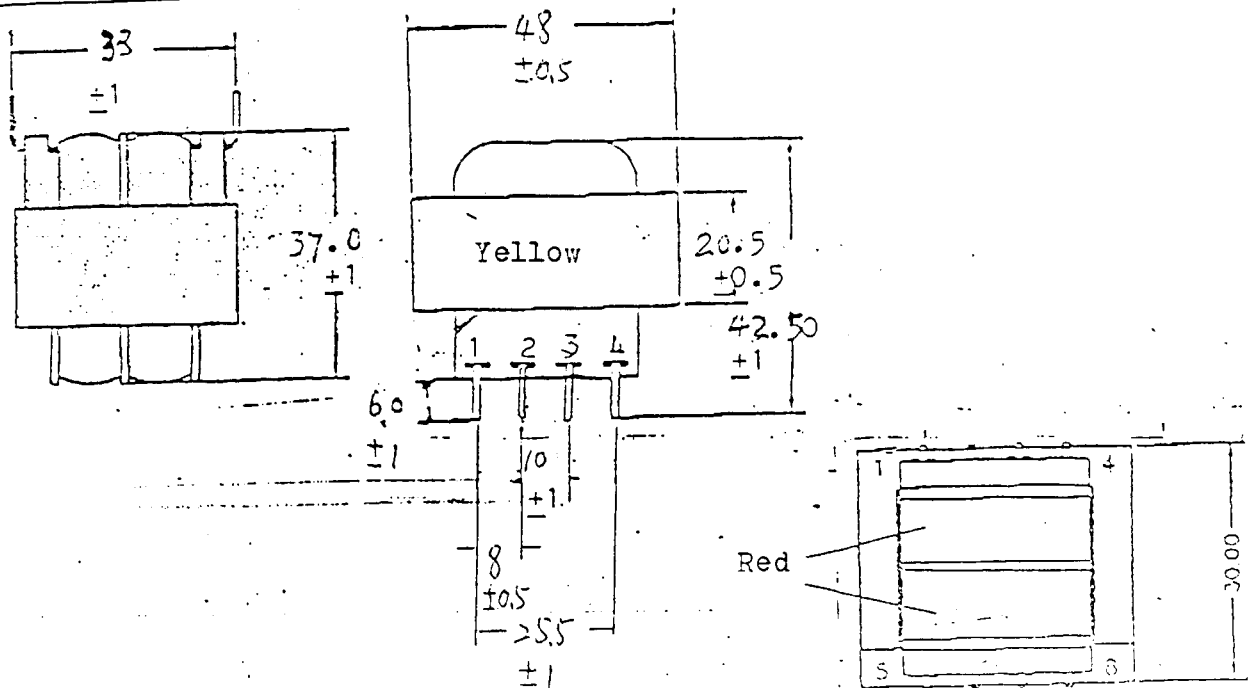
Series
230V 50Hz



Load AC	Circuit	
	Series	Parallel
14V±5%	0.42A	0.84A
14V±5%		

MECHANICAL SPECIFICATION TOLERENCE (±1)

UL TYPE	UK TYPE	NOE TYPE	SAA TYPE			



TEST REPORT

CUSTOMER:

PART NO:

DESIGN NO: 8611013

SIZE: EI-48x20.5mm

REVISION:

DATE: Nov.18.1997.

Input	SAMPLE NO	No Load Exciting Current: 50ma MAX	Loading Exciting Current: 150ma MAX	AC No Load Voltage 16.5Vx2	AC Loading 0.42A Voltage 14Vx2 ±5%		AC Loading 0.84A 14Vx1±5%		
60Hz 115V	1	26	136	16.5x2	14.1x2		14.0x1		
	2	27	138	16.5x2	14.1x2		14.0x1		
	3				Series		Parallel		
50Hz	4				Circuit:		Circuit:		
230V	5	23	70	16.4x2	14.0x2		14.0x1		
	6	22	70	16.5x2	14.2x2		13.9x1		
	7								